S
553.28
O1S
FEB 1968

SHELVED WITH PERIODICALS

Montana State Library
3 0864 1006 0106 4

MONTANA OIL AND GAS STATISTICAL BULLETIN

ADMINISTRATORS

NORMAN J. BEAUDRY
ACTING EXECUTIVE SECRETARY

JOHN H. RISKEN
ATTORNEY

GORDON D. LANQUETTE
PETROLEUM ENGINEER

BILLY B. LANE
GEOLOGIST

COMMISSIONERS

LYLE KASSEL, CHAIRMAN
142 3RD SOUTH
SHELBY, MONTANA 59474

CLYDE BREWER, VICE CHAIRMAN
P. O. BOX 294
ROUNDUP, MONTANA 59072

ALLEN ZIMMERMAN
BOX 277
POPLAR, MONTANA 59255

WINSTON L. COX
1925 GRAND AVENUE
BILLINGS, MONTANA 59102

E. G. BALSAM
2300 PEARL
MILES CITY, MONTANA 59301

OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XVI, No. 2 — HELENA INDEPENDENT-RECORD HELENA, MONTANA — February, 1968

Production of crude oil and condensate from the oil and gas areas of Montana for the month of February, 1968, averaged 110,345 barrels daily, a decrease of 1,175 barrels from the average January production of 111,520.

The nine refineries in the state processed 114,351 barrels of crude oil daily for the month of February 1968, a decrease of 422 barrels from the 114,773 barrels processed daily during the month of January, 1968.

During February, 44 wells were completed, 22 oil, 0 gas wells and 22 dry holes.

During February, the commission issued 90 permits to drill new wells, a decrease of 1 from the 91 permits issued during January.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA MONTH OF FEBRUARY, 1968

IN STORAGE FEBRUARY 1st	
By Producers	437,900
By Transporters	1,040,785
By Refiners	643,133
TOTAL STORAGE	2,121,818
Produced in Montana During Month	3,200,008
Imported During Month	2,673,247
TOTALS	7,995,073
DISPOSITION:	
Refined in Montana	3,316,179
Exported	2,542,566
Used for Fuel or Lost	12,200
TOTAL	5,870,945
IN STORAGE FEBRUARY 29th	
By Producers	458,401
By Transporters	1,023,037
By Refiners	642,690
TOTAL STORAGE	2,124,128

NATURAL GAS WITHDRAWALS IN MONTANA

Month of February, 1968

Field	M. Cu. Ft.
Bears Den	0
Big Coulee	111,347
Bowdoin	293,428
Bowes	44,781
Cabin Creek	98,070
Cedar Creek	450,182
Cut Bank (Including Reagan)	770,117
Devon	0
Dry Creek	51,133
Elk Basin	97,240
Flat Coulee	7,780
Gold Butte	0
Golden Dome	0
Grandview	0
Hardin	2,317
Keith Block	330,516
Kevin Sunburst	65,099
Lake Basin	98,918
Middle Butte	3,710
Mt. Lilly	43,294
Pine	63,978
Plevna	10,775
Utopia	116,739
Whitlash	108,716
Miscellaneous	172,222
TOTAL	2,940,362

Total withdrawals for February, 1967 were 2,922,332.

PRODUCERS REPORT—MONTH OF FEBRUARY, 1968

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
3	Ash Creek	3	636	3,548		3,810		374
	Bannatyne		467					467
4	Bear's Den	5	1,460	1,435		1,141		1,754
52	Bell Creek	177	101,220	669,617	650,373		1,184	119,280
1	Benrud	1	256	1,060	969			347
1	Benrud East	1	516	8,783	8,496			803
1	Benrud Northeast	1	1,052	8,882	9,439			495
	Berthelote		428					428
5	Big Wall	20	2,581	19,857	20,089			2,349
4	Blackfoot	7	1,672	1,789		1,950		1,511
2	Border	5		2,449		2,449		
1	Bowes	54	5,640	14,533	15,510			4,663
2	Bradley	2	499	730	425			804
2	Brady	2	617	176	176			617
2	Cabin Creek	103	6,654	274,986	275,004			6,636
15	Cat Creek	72	3,392	15,563	15,411	769	72	2,703
1	Clark's Fork	1	151	144		131		164
3	Conrad South	3	662	1,293	1,293			662
	Cupton		1,181					1,181
144	Cut Bank	989	87,140	282,077	282,031	173	1,061	85,952
2	Deer Creek	3	670	2,750	2,752			668
1	Delphia	1	178	88				266
	Devil's Basin		714					714
14	Dwyer	15	6,247	19,383	19,721			5,909
4	Elk Basin	57	2,658	206,254	206,659			2,253
5	Elk Basin Northwest	14	3,168	9,118	8,896			3,390
6	Fairview	6	4,792	53,588		51,542		6,838
2	Fertile Prairie	2	844	1,310	1,151			1,003
23	Flat Coulee	25	4,767	17,200	17,517			4,450
39	Flat Lake	56	6,271	73,261	73,970			5,562
1	Flat Lake South	1	198	1,434	1,243			389
2	Frannie	2		995		995		
20	Fred & George Creek	37	1,943	71,748	71,019			2,672
	Gage		852					852
3	Gas City	22	6,614	35,108	34,472			7,250
11	Glendive	14	2,415	33,434	26,492	6,711		2,646
22	Goose Lake	30	4,652	58,680	58,698			4,634
9	Graben Coulee	27	4,812	9,613	8,565	1,366		4,494
	Grandview		528					528
	Gypsy Basin		1,211	588		588		1,211
4	Hiawatha	5	3,562	36,467	33,459	2,335		4,235
1	Hibbard	1	822	141		788		175
6	Ivanhoe	10	1,496	10,097	9,535			2,058
10	Keg Coulee	27	6,204	15,742	15,371			6,575
3	Keg Coulee North	3	1,712	1,086	891			1,907
1	Kelley	2	780	13,573	13,453			900
93	Kevin Sunburst	520	16,775	30,719	27,042	1,842	49	18,561
1	Little Beaver	29		29,833	29,833			
2	Little Beaver East	14	2,480	17,221	17,641			2,060
3	Lodge Grass	3	2,046	2,067		1,423		2,690
24	Lookout Butte	75	4,717	126,493	126,115	877		4,218
	Mackay Dome		810					810
2	Mason Lake	2	199	1,200	1,200			199
2	Melstone	4	766	1,935	1,811			890
1	Mineral Bench	1	491	1,390	1,182			699
2	Miner's Coulee	2	190	658		506		342
12	Monarch	17	3,790	25,377	24,246			4,921
3	Mosser	3		943		943		
6	Outlook	11	6,475	25,022	15,968	9,655		5,874
2	Outlook South	2	2,099	1,721	2,304			1,516
2	Outlook West	2	1,385	3,323	867	2,956		885
71	Pennel	115	5,052	137,299	137,468			4,883
4	Pine	128	18,450	306,093	304,588		1,149	18,806
	Pole Creek		391	3,078		2,432		1,037
71	Pondera	265	7,757	25,508	26,285			6,980
4	Poplar	67	10,056	56,269	57,102		40	9,183
4	Poplar Northwest	4	1,486	1,391	729			2,148
	Prairie Elk		555					555
3	Ragged Point	51	3,967	7,498	7,513			3,952
1	Rattlesnake Coulee	1	869	931	1,248			552
4	Reagan	47	1,172	22,116	22,255			1,033
1	Red Creek	26		25,909	22,470	3,439		
1	Red Fox	1	428	9,933	9,995			366
1	Redstone	1	767	5,672	5,605			834
1	Repeat	1	498	1,395		1,825		68
3	Reserve	3		19,488		19,488		
1	Richey	1	260	410	350			320
6	Richey Southwest	8	695	6,652	6,393			954
7	Sand Creek	9	3,986	11,132	13,378			1,740
1	Shotgun Creek	1	190	942		702		430
3	Sidney-Brorson	3	1,436	2,629		2,643		1,422
4	Smoke Creek	5	1,277	3,750		3,212		1,815
1	Snyder	3	1,438	558		753		1,243
6	Soap Creek	17	3,784	4,102		2,523		5,363
1	Spring Lake	2	1,101	2,489		2,159		1,431
2	Stensvad	24	3,637	22,611	21,142			5,106
29	Sumatra	83	11,859	50,150	51,706			10,303
5	Tule Creek	7	2,834	33,184		33,599		2,419
2	Tule Creek East	2	827	21,670		21,009		1,488
2	Tule Creek South	3	1,157	6,309	1,519	4,717	99	1,131
2	Vida	2	720	639	661			698
4	Volt	6	2,269	18,535	18,926			1,878
2	Weed Creek	4	918	11,285	11,287		57	859
6	Weldon	13	1,117	89,355	88,902			1,570
4	Whitlash	26	10,159	16,433	16,567			10,025
2	Whitlash West	2	688	600	600			688
2	Wills Creek South	2	1,128	5,378	5,817			689
6	Wolf Springs	8	5,082	8,497	8,541			5,038
2	Woodrow	3	433	3,038	3,081			390
1	Wildcat, Carbon Cty	1	788	115				903
3	Wildcat, Glacier Cty	3	98	624	509			213
1	Wildcat, Richland Cty	1	1,134	3,360	1,626	2,034		834
1	Wildcat, Stillwater Cty	1		2,899	1,877			1,022
1	Wildcat, Sheridan Cty	1	880	744		783		841
1	Wildcat, Liberty Cty	2		2,186	1,739			447
1	Wildcat, Daniels Cty	1		670		360		310
865	Total	3,445	437,900	3,200,008	2,981,168	194,628	3,711	458,401

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1967	34,959,026	96,778	34,845,434	95,466
January, 1968	3,457,141	111,520	3,437,939	110,901
February, 1968	*3,200,008	110,345	3,175,796	109,510

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1967	423,176	1,063,477	632,990	2,119,643
January, 1968	437,900	1,040,785	643,133	2,121,818
February, 1968	458,401	1,023,037	642,690	2,124,128

*Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF FEBRUARY, 1968

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			3,810				3,810		
BEAR'S DEN—Truck			1,141					1,141	
BELL CREEK—Pipelines		650,373					311,499	338,874	
BIG WALL—									
Continental Pipeline Co.		20,089				20,089			
BLACKFOOT—									
Camerland Cardinal Corp.			1,950					1,950	
BORDER—Truck			2,449				2,449		
BOWES—Texaco		15,509				15,509			
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	323,687	741,821	9,413	1,078,294			1,826,462		326,753
Shell Pipeline Co.	4,065	292,576			3,498			286,263	6,880
	327,752	1,034,397	9,413	1,078,294	3,498		1,826,462	286,263	333,633
CAT CREEK—									
Continental Pipeline Co.		15,411				15,411			
Truck			769			769			
		15,411	769			16,180			
CLARK'S FORK—Truck			131				131		
CUT BANK—									
Continental Pipeline Co.			7,914	519,559				527,473	
Phillips Petroleum Co.	48,176	39,943		67,493	2,029	84,758			68,825
Texas Pipeline Co.	24,165	117,583		17,431	240			134,732	24,207
Union Oil Co.	66,172	72,468		25,702	(794)	109,750			55,386
Western Oil Trans. Co.		55,662						55,662	
Western Oil Trans. (Moulton)		43,861						43,861	
	138,513	329,517	7,914	630,185	1,475	194,508		761,728	148,418
DWYER—Portal Pipeline Co.		18,895					18,895		
ELK BASIN & ELK BASIN NORTHWEST—									
Marathon Pipeline Co.		215,051				215,051			
FAIRVIEW—Truck			51,542				51,542		
FLAT COULEE—									
Camerland Cardinal Corp.		16,139				16,139			
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		68,795					68,795		
FRANNIE—Interstate Pipeline Co.			995				995		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	9,148	73,518				38,466		19,155	25,045
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	8,440	33,618			110			32,467	9,481
GOOSE LAKE—									
Portal Pipeline Co.		56,664					56,664		
HIAWATHA—Truck			2,335				2,335		
Continental Pipeline		33,459					33,459		
		33,459	2,335				35,794		
HIBBARD—Truck			788			788			
IVANHOE—									
Continental Pipeline Co.		9,536				8,151	1,385		
KEG COULEE & KEG COULEE NORTH—									
Continental Pipeline Co.		15,927				9,995	5,932		
KELLEY—									
Continental Pipeline Co.		13,453				13,453			
KEVIN SUNBURST—									
Big West Oil Co.	5,205	17,401				16,981			5,625
Homestake Oil & Gas Co.	928	2,244						249	2,923
Texas Pipeline Co.	7,422	8,944			235			8,879	7,252
	13,555	28,589			235	16,981		9,128	15,800
LODGE GRASS—Truck			1,423			1,423			
MASON LAKE—									
Continental Pipeline Co.		1,047				1,047			
MELSTONE—									
Continental Pipeline Co.		1,811				1,811			
MOSSER—Truck			943				943		
OUTLOOK & OUTLOOK WEST—									
Rock Island Oil & Ref. Co.			12,611				12,611		
POLE CREEK—Truck			2,432				2,432		
PONDERA—Phillips Petr. Co.	33,920	29,269			774	45,162			17,253
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, OUTLOOK WEST, RED FOX, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT									
East Poplar Gathering System	18,791	159,962			1,002			157,139‡	20,612
RAGGED POINT—									
Continental Pipeline Co.		8,175				8,175			
RED CREEK—									
Western Oil Transportation Co.		25,909						25,909	
RESERVE—Truck			19,488				19,488		
SHOTGUN CREEK—Truck			702				702		
SIDNEY-BRORSON—Truck			2,643					2,643	
SMOKE CREEK—									
Rock Island Oil & Ref. Co.			3,212				3,212		
SNYDER—Truck			753			753			
SOAP CREEK—Truck			2,523				2,523		
SPRING LAKE—									
Rock Island Oil & Ref. Co.			2,159				2,159		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	479,566	69,976		507,570	548	50,539		561,714	444,311
TULE CREEK—									
Tesero Petr. Corp.	11,100		59,325			61,941			8,484
WEED CREEK—									
Continental Pipeline Co.		11,287				11,287			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		21,080				21,080			
WOLF SPRINGS—									
Continental Pipeline Co.		8,541				8,541			
WILDCAT WELLS—Truck			3,177				3,177		
TOTALS	1,040,785	2,985,997	194,628	2,216,049	7,642	777,069	2,431,600	2,198,111	1,023,037

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF FEBRUARY, 1968

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Bowes			23,071							23,071
Cat Creek		9,410				593				10,003
Cut Bank							97,440		76,888	174,328
Delphia						34				34
Elk Basin		86,059		13,323	72,944					172,326
Flat Coulee									10,220	10,220
Fred & George Creek	14,902									14,902
Gage & Gage S.W.						80				80
Hibbard						90				90
Ivanhoe		8,151								8,151
Keg Coulee		891		9,104						9,995
Kelley					13,453					13,453
Kevin Sunburst	16,981									16,981
Lodge Grass		1,423								1,423
Mason Lake		1,047								1,047
Melstone				1,811						1,811
Pondera							32,116			32,116
Ragged Point				8,175						8,175
Sand Creek						62				62
Snyder		753								753
Sumatra & Stensvad		11,155		18,937	11,870					41,962
Tule Creek								61,941		61,941
Weed Creek					11,287					11,287
Whitlash									20,180	20,180
Wolf Springs					8,541					8,541
Total Montana Oil	31,883	118,889	23,071	51,350	118,095	859	129,556	61,941	107,288	642,932
Canadian Oil Imported		519,559			20,215					539,774
Wyoming Oil Imported		599,959		567,285	966,229					2,133,473
Total Montana, Canadian, and Wyoming Oil	31,883	1,238,407	23,071	618,635	1,104,539	859	129,556	61,941	107,288	3,316,179

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1967	29,156	13,866	58,527	101,549
February, 1967	33,185	16,858	51,343	101,386
February, 1968	22,170	18,613	73,568	114,351

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
28.71%	13.65%	57.64%
32.73%	16.63%	50.64%
19.38%	16.28%	64.34%